

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16307	muti-angle or (multiple angle) or multi-path or (multiple (reproduction or playback) path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:52
L2	17	l1 and (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:58
L3	4	l2 and ((total or minimum) (bitrate or bit-rate or (bit rate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:55
L4	11	l2 and (bitrate or bit-rate or (bit rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:55
L5	2714	l1 and buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:58
L6	93	l1 and underflow\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:58
L7	72	l1 and (underflow\$5 with buffer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 09:28
L8	56	l7 and ((bit rate) or bit-rate or bitrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 09:32

## EAST Search History

L9	9	l7 and ((minimum or total) ((bit rate) or bit-rate or bitrate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 09:29
L10	63	l7 not l9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 09:31
L11	47	l10 and ((bit rate) or bit-rate or bitrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 10:53
L12	2905	((bit rate) or bit-rate or bitrate) with Mbps	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 10:57
L13	227	l12 with quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 10:54
L14	0	l12 with (good quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 10:54
L15	56	l12 with (high quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 10:54
L16	75	((bit rate) or bit-rate or bitrate) with ("25" Mbps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 11:16

## EAST Search History

L17	36	((bit rate) or bit-rate or bitrate) with ("24" Mbps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 12:27
L18	896	386/111.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 12:27
L19	638	386/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 12:32
L20	115	386/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 12:32
S1	3560	(multiple reproduction path) or (multiple angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:06
S2	2	S1 and (minimum bit rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:28
S3	0	S1 and (minimum bit-rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:38
S4	77	S1 and ((bit rate) or bit-rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:03

## EAST Search History

S5	3	S1 and (underrun or (under-run) or (under run))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:39
S6	24745	(multiple reproduction path) or (multiple angle) or (muti-angle) or (multi-path) or (multiple path) or (multi-reproduction path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:37
S7	16	S6 and (minimum bit rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:37
S8	0	S6 and (minimum bit-rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:38
S9	1897	S6 and ((bit rate) or bit-rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:38
S10	89	S6 and (underrun or (under-run) or (under run))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:32
S11	79	S1 and (underflow\$4 or (under-flow\$4) or (under flow\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 09:40
S12	217	S6 and (underflow\$4 or (under-flow\$4) or (under flow\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:32

## EAST Search History

S13	2	("5784528").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 11:03
S14	2	S1 and (minimum rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:29
S15	683	S6 and seamless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:28
S16	18	S15 and (increas\$5 rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:31
S17	134	S15 and (increas\$5 with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 16:43
S18	142	S1 and (minimum with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:29
S19	665	S15 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:31
S20	26763	(underflow\$4 or (under-flow\$4) or (under flow\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:32

## EAST Search History

S21	4525	(underrun or (under-run) or (under run))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 11:33
S22	64	S19 and (S20 or S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 13:26
S23	1	(entry point) with (time (interval or period)) with constant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 13:27
S24	117	(entry point) with (time (interval or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 16:37
S25	2	S24 with equal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 13:27
S26	601	S19 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 16:38
S27	683	S15 not S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/14 16:43
S28	22	(bit rate) with (continuous\$5 (playback or reproduc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:25

## EAST Search History

S29	1685	((bit rate) or bit-rate) with compensat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:26
S30	13	S29 same (continuous\$5 with (playback or reproduc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:29
S31	3	S29 same (continuous\$5 (playback or reproduc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:30
S32	7	S29 and (continuous\$5 (playback or reproduc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:33
S33	147	S29 and (underrun or under-run or underflow\$5 or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 11:34
S34	16	S29 same (underrun or under-run or underflow\$5 or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:19
S35	3704	(multiple reproduction path) or (multiple angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:19
S36	3	S35 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:30

## EAST Search History

S37	1	10/720121.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:42
S38	2	(minimum ((bit rate) or bit-rate)) with compensat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:43
S39	474	seo-kang-soo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:06
S40	524	kim-byung-jin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:06
S41	120	um-soung-hyun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:07
S42	438	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:07
S43	99	S41 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:10
S44	6988	(bit rate).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:11



## EAST Search History

S45	4	S39 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:34
S46	1	(bit rate) with (reproduction path) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:39
S47	1	(minimum (bit rate)) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:38
S48	2	(total (bit rate)) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:38
S49	0	(bit-rate) with (reproduction path) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:37
S50	0	(minimum (bit-rate)) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:37
S51	0	(total (bit-rate)) with (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:37
S52	1	(bit rate) same (reproduction path) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:39

## EAST Search History

S53	1	(minimum (bit rate)) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:40
S54	2	(total (bit rate)) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:42
S55	0	(bit-rate) same (reproduction path) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:39
S56	0	(minimum (bit-rate)) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:39
S57	0	(total (bit-rate)) same (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:39
S58	2	(bit rate) and (reproduction path) and (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:40
S59	0	(bit-rate) and (reproduction path) and (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:40
S60	10	(minimum (bit rate)) and (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:40

## EAST Search History

S61	8	(total (bit rate)) and (underrun or under-run or under-flow\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 08:52
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